



#9

SEQUENCE LISTING

<110> SUMITOMO ELECTRIC INDUSTRIES, LTD.
NAKAMURA, Takeshi

<120> HUMAN CYCLIN I AND GENES ENCODING THE SAME

<130> 050212-0278

<140> 09/736,250

<141> 2000-12-15

<150> 09/054,492

<151> 1998-04-03

<150> PCT/JP96/02905

<151> 1996-10-07

<150> 284663/1995

<151> 1995-10-05

<160> 5

<170> PatentIn version 3.3

<210> 1

<211> 377

<212> PRT

<213> Homo sapiens

<400> 1

Met Lys Phe Pro Gly Pro Leu Glu Asn Gln Arg Leu Ser Phe Leu Leu
1 5 10 15

Glu Lys Ala Ile Thr Arg Glu Ala Gln Met Trp Lys Val Asn Val Arg
20 25 30

Lys Met Pro Ser Asn Gln Asn Val Ser Pro Ser Gln Arg Asp Glu Val
35 40 45

Ile Gln Trp Leu Ala Lys Leu Lys Tyr Gln Phe Asn Leu Tyr Pro Glu
50 55 60

Thr Phe Ala Leu Ala Ser Ser Leu Leu Asp Arg Phe Leu Ala Thr Val
65 70 75 80

Lys Ala His Pro Lys Tyr Leu Ser Cys Ile Ala Ile Ser Cys Phe Phe
85 90 95

Leu Ala Ala Lys Thr Val Glu Glu Asp Glu Arg Ile Pro Val Leu Lys

100	105	110
Val Leu Ala Arg Asp Ser Phe Cys Gly Cys Ser Ser Ser Glu Ile Leu		
115	120	125
Arg Met Glu Arg Ile Ile Leu Asp Lys Leu Asn Trp Asp Leu His Thr		
130	135	140
Ala Thr Pro Leu Asp Phe Leu His Ile Phe His Ala Ile Ala Val Ser		
145	150	155
		160
Thr Arg Pro Gln Leu Leu Phe Ser Leu Pro Lys Leu Ser Pro Ser Gln		
	165	170
		175
His Leu Ala Val Leu Thr Lys Gln Leu Leu His Cys Met Ala Cys Asn		
	180	185
		190
Gln Leu Leu Gln Phe Arg Gly Ser Met Leu Ala Leu Ala Met Val Ser		
	195	200
		205
Leu Glu Met Glu Lys Leu Ile Pro Asp Trp Leu Ser Leu Thr Ile Glu		
210	215	220
Leu Leu Gln Lys Ala Gln Met Asp Ser Ser Gln Leu Ile His Cys Arg		
225	230	235
		240
Glu Leu Val Ala His His Leu Ser Thr Leu Gln Ser Ser Leu Pro Leu		
	245	250
		255
Asn Ser Val Tyr Val Tyr Arg Pro Leu Lys His Thr Leu Val Thr Cys		
	260	265
		270
Asp Lys Gly Val Phe Arg Leu His Pro Ser Ser Val Pro Gly Pro Asp		
	275	280
		285
Phe Ser Lys Asp Asn Ser Lys Pro Glu Val Pro Val Arg Gly Thr Ala		
290	295	300
Ala Phe Tyr His His Leu Pro Ala Ala Ser Gly Cys Lys Gln Thr Ser		
305	310	315
		320
Thr Lys Arg Lys Val Glu Glu Met Glu Val Asp Asp Phe Tyr Asp Gly		
	325	330
		335

Ile Lys Arg Leu Tyr Asn Glu Asp Asn Val Ser Glu Asn Val Gly Ser
 340 345 350

Val Cys Gly Thr Asp Leu Ser Arg Gln Glu Gly His Ala Ser Pro Cys
 355 360 365

Pro Pro Leu Gln Pro Val Ser Val Met
 370 375

<210> 2
 <211> 1134
 <212> DNA
 <213> Homo sapiens

<400> 2
 atgaagtttc cagggccttt ggaaaaccag agattgtctt tctgttgga aaaggcaatc 60
 actaggaag cacagatgtg gaaagtgaat gtgcggaaaa tgccttcaaa tcagaatggt 120
 tctccatccc agagagatga agtaattcaa tggctggcca aactcaagta ccaattcaac 180
 ctttaccag aacatttgc tctggctagc agtcttttgg ataggttttt agctaccgta 240
 aaggctcatc caaaatactt gagttgtatt gcaatcagct gttttttcct agctgccaag 300
 actgttgagg aagatgagag aattccagta ctaaagggtat tggcaagaga cagtttctgt 360
 ggatgttctt catctgaaat ttgagaaatg gagagaatta ttctggataa gttgaattgg 420
 gatcttcaca cagccacacc attggatttt cttcatattt tccatgccat tgcagtgtca 480
 actaggcctc agttactttt cagtttgccc aaattgagcc catctcaaca tttggcagtc 540
 cttaccaagc aactacttca ctgtatggcc tgcaaccaac ttctgcaatt cagaggatcc 600
 atgcttgctc tggccatggg tagtctggaa atggagaaac tcattcctga ttggctttct 660
 cttacaattg aactgcttca gaaagcacag atggatagct ccagttgat ccattgtcgg 720
 gagcttgtgg cacatcacct ttctactctg cagtcttccc tgcctctgaa ttccgtttat 780
 gtctaccgtc ccctcaagca caccctgggtg acctgtgaca aaggagtgtt cagattacat 840
 ccctcctctg tcccaggccc agacttctcc aaggacaaca gcaagccaga agtgccagtc 900
 agaggtacag cagcctttta ccatcatctc ccagctgcca gtgggtgcaa gcagacctct 960
 actaaacgca aagtagagga aatggaagtg gatgacttct atgatggaat caaacggctc 1020
 tataatgaag ataatgtctc agaaaatgtg ggttctgtgt gtggcactga tttatcaaga 1080
 caagagggac atgcttcccc ttgtccacct ttgcagcctg tttctgtcat gtag 1134

<210> 3
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Chemically synthesized

<400> 3
cgttcccggg tatgaagttt ccagggcctt tgg

33

<210> 4
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Chemically synthesized

<400> 4
acggctcgag ctacatgaca gaaacaggct g

31

<210> 5
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Chemically synthesized

<400> 5

Glu Asp Asn Val Ser Glu Asn Val Gly Ser Val Cys Gly Thr
1 5 10